

Title (en)

Elastomeric composition for transmission belt

Title (de)

Elastomere Zusammensetzung für Antriebsriemen

Title (fr)

Composition élastomère pour courroie de transmission

Publication

**EP 1852464 A1 20071107 (EN)**

Application

**EP 07106029 A 20070412**

Priority

US 40449006 A 20060413

Abstract (en)

Free radical-cured elastomeric compositions comprising (a) an ethylene-alphaolefin elastomer and (b) 1,3-bis(Citraconimidomethyl)benzene as a curative coagent are disclosed. The compositions may further include reinforcing fillers. The invention further includes belts, including vehicle belts, such as transmission belts, and other articles that are subject to dynamic applications, comprising said elastomeric compositions.

IPC 8 full level

**C08K 5/14** (2006.01); **C08K 5/3415** (2006.01); **C08L 23/16** (2006.01); **F16G 5/04** (2006.01)

CPC (source: EP US)

**C08K 5/3415** (2013.01 - EP US); **F16G 5/06** (2013.01 - EP US); **F16G 5/166** (2013.01 - EP US); **C08L 23/16** (2013.01 - EP US)

C-Set (source: EP US)

**C08K 5/3415 + C08L 23/16**

Citation (search report)

- [X] WO 2005082996 A1 20050909 - ARKEMA [FR], et al
- [X] EP 1241379 A1 20020918 - GOODYEAR TIRE & RUBBER [US]
- [Y] US 2005096433 A1 20050505 - TAKEHARA TSUYOSHI [JP], et al
- [Y] EP 1217254 A2 20020626 - GOODYEAR TIRE & RUBBER [US]
- [Y] EP 1300442 A1 20030409 - GOODYEAR TIRE & RUBBER [US]
- [A] EP 1241213 A2 20020918 - GOODYEAR TIRE & RUBBER [US]
- [A] EP 0988999 A2 20000329 - GOODYEAR TIRE & RUBBER [US]
- [A] EP 0823453 A1 19980211 - GOODYEAR TIRE & RUBBER [US]
- [A] US 5623007 A 19970422 - KUEBLER THOMAS P [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 07106029 A 20070412**; BR PI0704652 A 20070403; CN 200710096138 A 20070413; JP 2007100790 A 20070406; US 40449006 A 20060413